



PTO/SB/21 (09-04)

IFW

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

50

Application Number

10/659,804

Filing Date

September 11, 2003

First Named Inventor

Busch-Sorensen, Thomas

Art Unit

2817

Examiner Name

Unassigned

Attorney Docket Number

014801-001720US

ENCLOSURES (Check all that apply)☐

Fee Transmittal Form

☐

Fee Attached

☐

Amendment/Reply

☐

After Final

☐

Affidavits/declaration(s)

☐

Extension of Time Request

☐

Express Abandonment Request

☒

Information Disclosure Statement

☐

Drawing(s)

☐

Licensing-related Papers

☐

Petition

☐Petition to Convert to a
Provisional Application☐Power of Attorney, Revocation
Change of Correspondence Address☐

Terminal Disclaimer

☐

Request for Refund

☐

CD, Number of CD(s) _____

☐

Landscape Table on CD

☐

After Allowance Communication to TC

☐Appeal Communication to Board
of Appeals and Interferences☐Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)☐

Proprietary Information

☐

Status Letter

☒Other Enclosure(s) (please identify
below):Forms PTO/SB08/A, B, ISR, 4 references,
copies of forms PTO/SB08/A, PTO-892,
return postcard☐Certified Copy of Priority
Document(s)☐Reply to Missing Parts/ Incomplete
Application☐Reply to Missing Parts
under 37 CFR 1.52 or 1.53

Remarks

The Commissioner is authorized to charge any additional fees to Deposit
Account 20-1430.**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name

Townsend and Townsend and Crew LLP

Signature

Printed name

Raymond B. Horn

Date

April 6, 2005

Reg. No.

44,773

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature

Typed or printed name

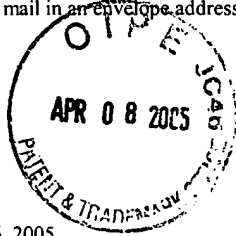
Timothy S. Parker

Date

April 6, 2005

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Alexandria, VA 22313-1450



PATENT
Attorney Docket No.: 014801-001720US
Client Reference No.: PD 498

On April 6, 2005

TOWNSEND and TOWNSEND and CREW LLP

By: Christy J. Parker

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Thomas Busch-Sorensen, et al.

Application No.: 10/659,804

Filed: September 11, 2003

For: POWER OSCILLATOR FOR
CONTROL OF WAVESHAPE AND
AMPLITUDE

Examiner: Unassigned

Art Unit: 2817

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on the attached form PTO/SB/08A and PTO/SB/08B (enclosures 1 and 2) are being called to the attention of the Examiner. Copies of references AU and BC-BE are enclosed.

Also enclosed is a copy of an International Search Report dated February 14, 2005 (enclosure 3), which was issued in counterpart PCT application no. PCT/US2004/029494, and in which these references were cited.

Further, copies of form PTO/SB/08A (enclosures 4 and 5) and form PTO-892 (enclosure 6) are also being called to the attention of the Examiner. The references listed were cited in Information Disclosure Statements filed in conjunction with parent application no. 10/078,850 (now issued U.S. patent 6,621,357 B2), and dated May 29 and August 30, 2002, respectively, and finally by the Examiner in an Office Action dated April 8, 2003 (enclosure 6), which was issued also in said parent application. In accordance with 37 CFR §1.98(d), copies of the references can be found in said parent application.

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement, because the submission is prior to the issuance of a first Office Action on the merits.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Raymond B. Horn
Reg. No. 44,773

#1

PTO/SB/08A (08-03)

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number	10/659,804
Filing Date	September 11, 2003
First Named Inventor	Busch-Sorensen, Thomas
Art Unit	2817
Examiner Name	Unassigned
Attorney Docket Number	014801-001720US

U.S. PATENT DOCUMENTS+

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA	US-US2002/0053945	A1	05/09/2002	B. Putzeys	
	AB	US-				
	AC	US-				
	AD	US-				
	AE	US-				
	AF	US-				
	AG	US-				
	AH	US-				
	AI	US-				
	AJ	US-				
	AK	US-				
	AL	US-				
	AM	US-				
	AN	US-				
	AO	US-				
	AP	US-				
	AQ	US-				
	AR	US-				
	AS	US-				
	AT	US-				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	AU	PCT	WO02/08035 0	A1	10/10/2002	T. Busch-Sorensen		<input type="checkbox"/>
	AV							<input type="checkbox"/>
	AW							<input type="checkbox"/>
	AX							<input type="checkbox"/>
	AY							<input type="checkbox"/>
	AZ							<input type="checkbox"/>
	BA							<input type="checkbox"/>
	BB							<input type="checkbox"/>

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Unsaved Document

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/659,804
				Filing Date	September 11, 2003
				First Named Inventor	Busch-Sorensen, Thomas
				Art Unit	2817
				Examiner Name	Unassigned
Sheet	2	of	2	Attorney Docket Number	014801-001720US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	BC	Kagaya, Osamu, et al. "A Very Thin Power Amplifier Multichip Module for 1.9 GHz Cellular Phone Systems", <i>IEEE Transactions on Advanced Packaging</i> , (1999) 22(1):40-45	
	BD	Yi, Jaehyok, et al. "Effect of efficiency optimization on linearity of LINC amplifiers with CDMA signal", <i>2001 IEEE MTT-S International Microwave Symposium Digest</i> , (2001) 2:1359-1362	
	BE	Hamed-Hagh, Sotoudeh, et al. "Wideband CMOS Integrated RF Combiner for LINC Transmitters", <i>2003 IEEE Radio Frequency Integrated Circuits Symposium. Digest of Papers</i> (2003) 555-558	
	BF		
	BG		
	BH		
	BI		
	BJ		
	BK		
	BL		
	BM		

Examiner Signature		Date Considered	
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¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.